9	Sanitized Co		Release 201 AL INTELLIGE		T TETCTALA ONLY RDP82-00457R002800740 REPOR	50X1-HUM
	r s	INFOR	MATION	REPOR	CD NO.	10/166
OUNTRY	Czechoslova	alcia		CONFIDENTIAL	DATE DISTR. 21	ann 49
	Podbrezova	Y.			NO. OF PAGES	3
Γ						-
LACE CQUIRE					NO. OF ENCLS.	
ATE OF					SUPPLEMENT TO REPORT NO.	50X1-HUM
THIS DOCUMEN	NY COLVAINS INFORMATION	R AFFECTING THE HATIONAL DE EAGING OF THE ESPIDAGES I TRANSMISSION ON THE REVE	FURSE A			
HIBITED BY LA	NYS IN ANY MANNER TO A AM. REPRODUCTION OF T	TRANSMISSION OR THE REVE AN UNAUTHORIZED PERSON !! HIS YOUR IS PROMIDITED.	3 PSO-	THIS IS	UNEVALUATED INFORMAT	ION
						50X1-HUM
	row and cor cealed from it is under Entry is ve- cation for factory mil permitted. guard room.	nsequently the n the air. Be r military supery difficult entry must in litia, indicat If absolutel but not for	whole area ing an under ervision and for those no the first ing the pury necessary more than fi	of the Iron rtaking impo I is guarded of employed instance cose of the it is possi lve ninutes	ict the Wron valley is Norks is comparative retart to the defense of by the civilian faction the Iron Works, since made to the command visit. Private visits ble to arrange a meeting and under the supervision deach other anything.	ly well con- of the State, ory militia. nce an appli- lant of the s are not ing in the sion of the
2.		ing belong to	the Trong Mon	nlea Combino		
Æ.	a. The				rks in Podbrezova	50X1-HÜ
		nelting works		a a community inc		
		oundry in Hron				
		actory in Pese				<i>(</i>
	e. The b	last furnaces	of Tisovec	and Dobsina.	•	
	ore a		from Sirk	are transpor	Dobsina district. The ted to the blast furn llway.	
'3。	nomical in war under	normal times the Habsburg m	of peace. Sonarchy. F	The factory rom then un	is old and consequentlums built before the ill now very little had oney has been spent on	first world s been spent
			CONFIDENTI	Al.		
STATE	IXI NAVY	CLASSIFICATION	A consumity	ONTIOL - U.	S. OFFICIALS ONLY	- AND
ARMY	AIR	X FBI	N CIV	Lancon		
			-	almontonium tagalliminato e unappo		
· pro						

Sanitized Copy Approved for Release 2011/05/26 : CIA-RDP82-00457R002800740005-9 50X1-HUM

SECRET/CONTROL - U.S. OFFICIALS ONLY

CENTRAL	INTELLIGENCE	AGENCY
---------	--------------	--------

- 2 -

40	The iron ore from the Slovakian mines contains up to 60 percent iron, and
	is of a dark brown to brown-black color. The iron ore very often contains
	silicates and phosphates in addition to oxides. The matter containing
	phosphorus has an unfavorable effect on the quality of the ore. The Pod-
	brezova Iron Works produce rolled iron (semi-finished rolled iron products)
	containing a small percentage of carbon (maximum carbon content 2%). As
	against that, the silicate matter contained in the fron improved the quality
	of the semi-timished products. The rolled iron is tough, unvisiting, elec-
	tic, hard to melt, and suitable for forging.

5。	The iron from the mines at Sirk and Dobsina is mostly reasted on the spot
	in the local reasting installations. In this way it is possible to elimi-
	THE ONLY TO IS POSSIBLE TO B. IMIT
	nate unwanted matter and bring about a reduction of 30 to 35 percent in the
	weight of the ore. Thus a more economic use of the process of production
	is achieved. In the manager of manager at the process of production
	is achieved. In the process of roasting the iron ore is further oxydized
	and thus unwanted matter, particularly subbur, is separated. By this are
	Gessa production in the hight himmene in Postitions and I am
	and or refinement in
	furnaces assisted. The process of production by the
	the furnaces assisted. The process of production by the blast furnaces is largely as follows: 50X1-HUM
	ANTENNA TO THE ROLL OF TOTAL AND THE PROPERTY OF THE PROPERTY

a.	Pig iron for the refinement process	of	the	
----	-------------------------------------	----	-----	--

50X1-HUM

furnaces

furnaces is comprised of (1) mis iron from the blast furnaces and 50X1-HUM (2) scrap from the runace rorgings. If a particularly hard grade of steel is to be produced, matter containing carbon, in the form of charcoal or coke dust is added to the above mentioned raw material. Special steels are produced by adding nickel, chrome, or wolfram at the end of the process.

b. Wrought iron containing gravel for the production of fashioned and dimensioned semi-finished products, iron and steel sheets

The wrought iron has crystalline grain. Its malleability increases as the temperature is raised. In the case of wrought iron a special effort is made to eliminate foreign bodies, particularly sulphurous matter which has the most adverse effect on wrought iron. The tensile strength of the rolled forgings from the iron works at Podbrawa (used for building) is 34 kgs. per 1 mm with 12 percent elongation.

c. Course-grained castings

Used in foundries for the production of castings, mountings for machines, canalization equipment, iron moulding furnaces, etc.

- 6. The rolling mills at Podbrezova produce the following semi-finished products:
 - a. Flat iron from 10 x 2 x 3000 mm to 200 x 5 x 3000 mm
 - b. Square iron from 3 x 3 x 3000 mm to 50 x 50 x 3000 mm from 3 x 3 x 6000 mm to 50 x 50 x 6000 mm
 - c. Round iron from 3 x 3000 mm to 50 x 3000 mm from 3 x 6000 mm to 50 x 6000 mm
 - d. Horse shoes (flat) in the following dimensions:

20 x 10, 21 x 10, 22 x 10, 23 x 10, 24 x 10 20 x 11, 21 x 11, 22 x 11, 23 x 11, 24 x 11 20 x 12, 21 x 12, 22 x 12, 23 x 12, 24 x 12

e. Shaped from in the following shapes:

from 15/10 x 2 x 3000 to 150/120 x 15 x 3000 mm from 15/10 x 2 x 6000 to 150/120 x 15 x 6000 mm

CONTROL - U.S. OFFICIALS ONLY

CONFIDENTIAL

Sanitized Copy Approved for Release 2011/05/26 : CIA-RDP82-00457R002800740005-9

CHERT/CONTROL - U.S. OFFICIALS ONLY

CENTRAL INTELLIGENCE AGENCY

- 3 -

50X1-HUM

f. Shaped irons in the following shapes:

from $15/15 \times 2 \times 3000$ mm to $150/150 \times 15 \times 3000$ mm from $15/15 \times 2 \times 6000$ mm to $150/150 \times 15 \times 6000$ mm

- g. Shaped irons in special dimensions according to special requirements
- h. Hoop iron (in strips) measuring:

from 10 x 1.5 mm

to 120 x 3 mm

i. Iron and steel plates (crude)

from 3 mm to 7 mm

j. Iron and steel plates (crude)

from 7 mm to 60 mm

k. Supporting iron (I-shaped) for building purposes

from 80 mm to 500 mm

1. U-shaped from for building nurposes

from 60 mm to 300 mm

- m. Rails for the State railways and private railways, of all types.
- n. Rails for narrow cauce railways, industrial reilways and building nurroses, of all tyres.
- o. Ferro-concrete (crude)

from 6 mm to 30 mm

- p. Tubes for construction purposes, of all tyres normally in use.
- q. Gas pipes, black and ralvanized, of all types normally used.
- 7. The yearly production especity amounts to 142,000 tons of rolled iron and steel semi-finished products. The 5-year plan reckons on an increase of about 75 percent of this production. Experts state that this increase is out of the question until such time as the iron works are modernized and sufficient technical workers are available.

CONFIDENTIAL

STORET/CONTROL - U.S. OFFICIALS ONLY